

## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims**

Claim 1. (original): A vehicle coupler comprising:

a coupler housing; and

a locking cylinder disposed with said coupler housing and mechanically coupled to a plurality of engagement pins;

wherein rotation of said lock cylinder moves said engagement pins between two positions, a first position wherein said plurality of engagement pins extend beyond said coupler housing and a second position wherein said plurality of engagement pins do not extend beyond said coupler housing.

Claim 2. (original): The vehicle coupler of claim 1 further comprising a lever that couples said lock cylinder to said plurality of engagement pins.

Claim 3. (original): The vehicle coupler of claim 2, wherein said lever comprises a slot for receiving a protrusion on a cam coupled to said lock cylinder.

Claim 4. (original): The vehicle coupler of claim 2, wherein said lever comprises a plurality of slots each receiving a pin coupled to one of said plurality of engagement pins.

Claim 5. (original): The vehicle coupler of claim 4, wherein each of said lever plurality of slots has two end portions, a first end portion located toward an edge of said lever and a second end portion located toward a center portion of said lever.

Claim 6. (original): The vehicle coupler of claim 1 further comprising a blocker positioned between said plurality of engagement pins.

Claim 7. (original): The vehicle coupler of claim 1 further comprising a biasing means located between said plurality of engagement pins.

Claim 8. (original): The vehicle coupler of claim 1 further comprising a rotatable shaft that couples said lock cylinder to said plurality of engagement pins.

Claim 9. (original): The vehicle coupler of claim 8 further comprising a generally circular cam that includes a plurality of slots, each receiving a pin coupled to one of said plurality of engagement pins.

Claim 10. (original): The vehicle coupler lock of claim 1, wherein said lock cylinder is located on a side surface of said coupler housing.

Claim 11. (original): A vehicle coupler comprising:

- a lock cylinder disposed within a coupled to a cam, said cam including a protrusion;
- a lever including a first slot for receiving said protrusion and a second and third slot located on an opposite end of the lever as the first slot;
- a pair of pins secured within said second and third slots;
- a pair of engagement pins, wherein said pair of pins are secured to said pair of engagement pins;
- wherein rotation of said lock cylinder moves said pair of engagement pins between two positions, a first position wherein said plurality of engagement pins extend beyond said coupler housing and a second position wherein said plurality of engagement pins do not extend beyond said coupler housing.

Claim 12. (original): The vehicle coupler of claim 11 further comprising a blocker positioned between said pair of engagement pins.

Claim 13. (original): The vehicle coupler of claim 11 further comprising a biasing means located between said pair of engagement pins.

Claim 14. (original): A vehicle hitch assembly comprising:

- a receiver including a pair of apertures; and
- a coupler including a pair of engagement pins that are selectively received in said pair of apertures;
- wherein said coupler comprises:

a lock cylinder disposed within a coupled to a cam, said cam including a protrusion;  
a lever including a first slot for receiving said protrusion and a second and third slot located on an opposite end of the lever as the first slot;  
a pair of pins secured within said second and third slots, wherein said pair of pins are secured to said pair of engagement pins;  
wherein rotation of said lock cylinder moves said pair of engagement pins between two positions, a first position wherein said plurality of engagement pins extend beyond said coupler housing and a second position wherein said plurality of engagement pins do not extend beyond said coupler housing.

Claim 15. (original): The vehicle hitch assembly of claim 14 further comprising a blocker positioned between said pair of engagement pins.

Claim 16. (original): The vehicle hitch assembly of claim 14 further comprising a biasing means located between said pair of engagement pins.

Claim 17. (original): The vehicle hitch assembly of claim 14 further comprising a ball mount plate and a hitch ball.

Claim 18. (original): The vehicle hitch assembly of claim 14 further comprising a hitch bar coupled to said vehicle.

Claim 19. (withdrawn): The vehicle hitch assembly of claim 14 further comprising a cargo carrier.

Claim 20. (withdrawn): The vehicle hitch assembly of claim 14 further comprising a bike carrier.